

INTERNATIONAL SEARCH REPORT

Int al Application No
PCT/US 03/35949

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C45/73 B29C33/38 B29C45/16 B29C49/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/83193 A (LEE ROBERT A ; ADVANCED PLASTICS TECHNOLOGIES (GB); HUTCHINSON GERALD) 8 November 2001 (2001-11-08) the whole document	1-30
A	US 6 413 075 B1 (SYKES JAMES D ET AL) 2 July 2002 (2002-07-02) column 3, line 16 - line 64 column 6, line 22 - line 31 column 8, line 54 - line 64 column 13, line 41 - column 18, line 24; figures 2-4 ----- -/-	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

19 March 2004

Date of mailing of the international search report

30/03/2004

Name and mailing address of the ISA
European Patent Office, P.B. 6818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lanz, P

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/US 03/35949

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) & JP 10 128839 A (AOKIKO KENKYUSHO:KK), 19 May 1998 (1998-05-19) abstract	1-30
P	KOCH M: "KONZEPTE FUER DIE WERKZEUGTEMPERIERUNG EINE UEBERSICHT MIT ERFAHRUNGEN AUS DER PRAXIS" KUNSTSTOFFE, CARL HANSER VERLAG. MUNCHEN, DE, vol. 92, no. 11, November 2002 (2002-11), pages 28-36, XP001121639 ISSN: 0023-5563 page 30, column 3, last paragraph - page 31, column 3, paragraph 1	1-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No

PCT/US 03/35949

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0183193	A	08-11-2001	AU 5391501 A	12-11-2001
			WO 0183193 A1	08-11-2001
			US 2003031814 A1	13-02-2003
US 6413075	B1	02-07-2002	US 6168740 B1	02-01-2001
			US 2001028930 A1	11-10-2001
			US 2001016239 A1	23-08-2001
			AU 6959798 A	11-11-1998
			CA 2286746 A1	22-10-1998
			CA 2451119 A1	22-10-1998
			CN 1362322 A	07-08-2002
			CN 1252023 T	03-05-2000
			EP 1019234 A1	19-07-2000
			JP 3388761 B2	24-03-2003
			JP 2000511483 T	05-09-2000
			WO 9846410 A1	22-10-1998
JP 10128839	A	19-05-1998	NONE	

THIS PAGE BLANK (USPTO)